

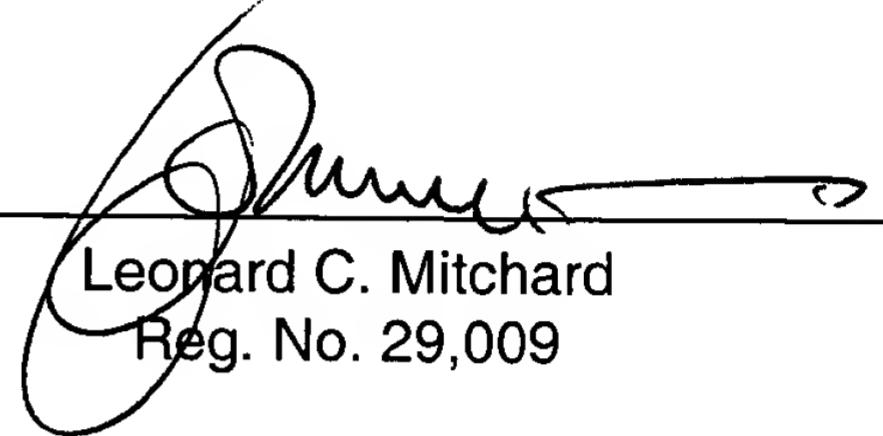
REMARKS

In response to the paper mailed May 14, 2003, a clean copy of amended claim 17 is presented herewith. Allowance of the application is awaited.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: _____

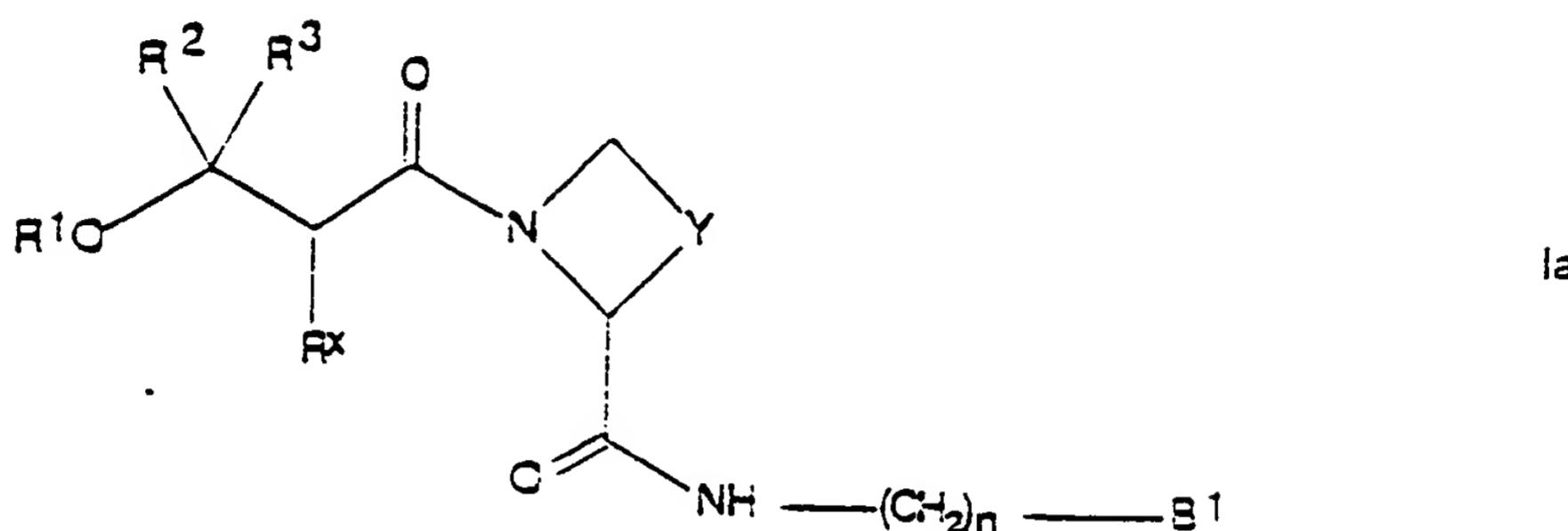


Leonard C. Mitchard
Reg. No. 29,009

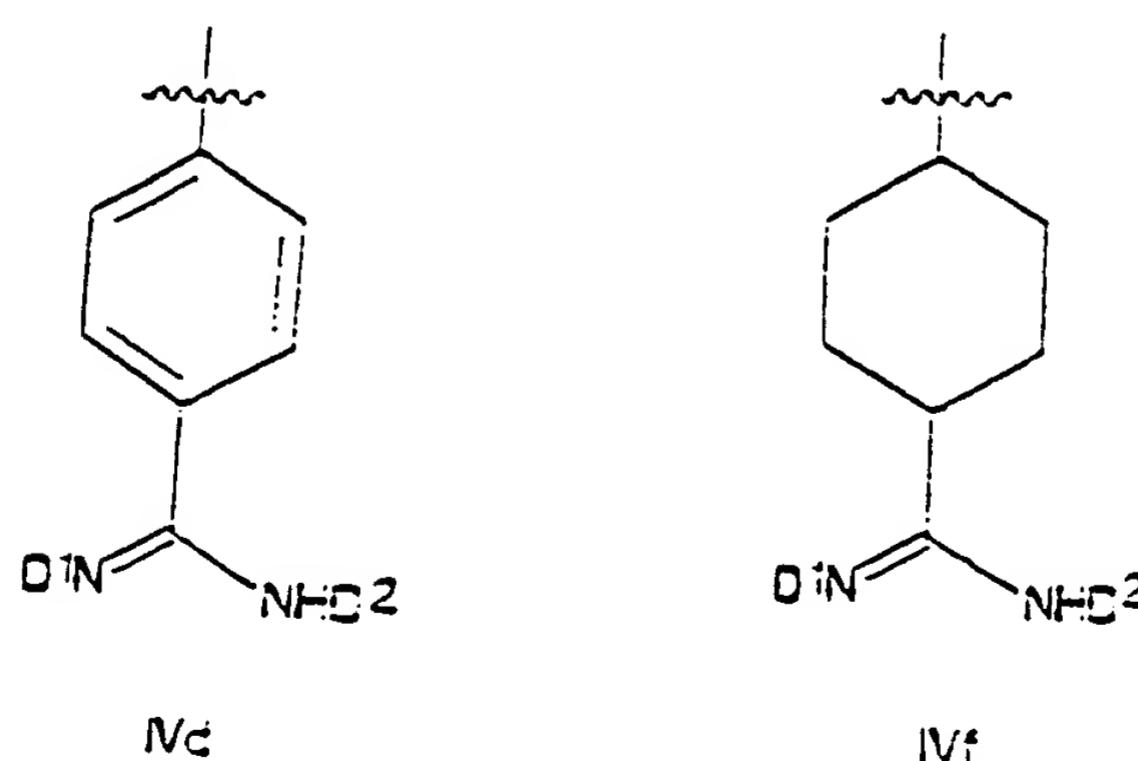
LCM:lks
1100 North Glebe Road, 8th Floor
Arlington, VA 22201-4714
Telephone: (703) 816-4000
Facsimile: (703) 816-4100

Version Showing Changes Made

17. (currently amended) A compound of formula Ia,



wherein B^1 represents a structural fragment of formula IVd or IVf



wherein D^1 and D^2 independently represent H, OH, OR^a , OC(O)R^b , OC(O)OR^c ,

$C(O)OR^d$, or $C(O)R^e$ and R^a , R^b , R^c , R^d and R^e independently represent phenyl, benzyl, $(CH_2)_2OC(O)CH_3$ or C_{1-6} alkyl which latter group is optionally interrupted by oxygen; and R^1 , R^2 , R^3 , R^* , Y and n are as defined in claim 1,

R^1 represents H, $C(O)R^{11}$, $SiR^{12}R^{13}R^{14}$ or C_{1-6} alkyl which latter group is optionally substituted or terminated by one or more substituent selected from the group consisting of OR^{15} and $(CH_2)_qR^{16}$;

R^{12} , R^{13} and R^{14} independently represent H, phenyl or C_{1-6} alkyl;

R^{16} represents C_{1-4} alkyl, phenyl, OH, $C(O)OR^{17}$ or $C(O)N(H)R^{18}$.

R^{18} represents H, C_{1-4} alkyl or $CH_2C(O)OR^{19}$;

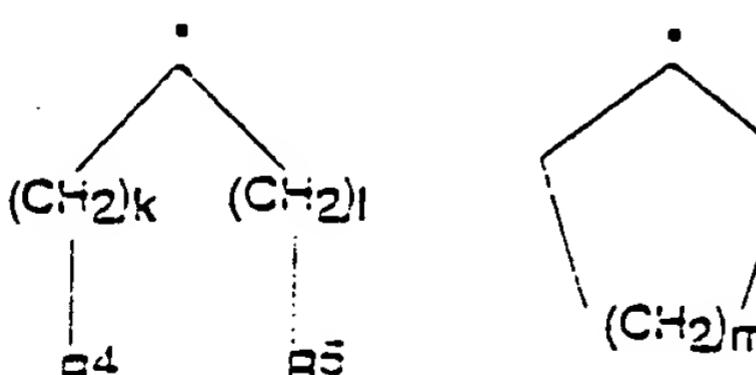
R^{15} and R^{17} independently represent H, C_{1-6} alkyl or C_{7-9} alkylphenyl;

R^{11} and R^{19} independently represent H or C_{1-4} alkyl; and

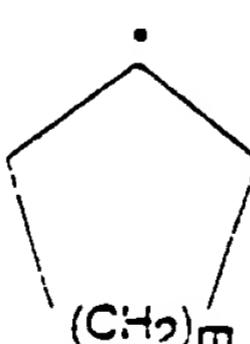
q represents 0, 1 or 2;

R^2 and R^3 are both hydrogen;

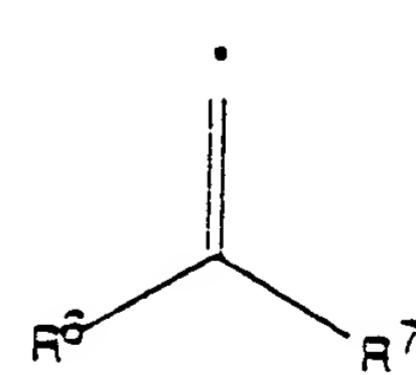
R^x represents a structural fragment of formula IIa, IIb or IIc,



IIa



IIb



IIc

wherein

k, l and m independently represent 0, 1, 2, 3 or 4;

R⁴ and R⁵ independently represent H, Si(Me)₃, 1- or 2-naphthyl, a polycyclic hydrocarbyl group, CHR⁴¹R⁴² or C₁₋₄ alkyl (which latter group is optionally substituted by one or more fluorine atoms), or C₃₋₈ cycloalkyl, phenyl, methylenedioxophenyl, benzodioxanyl, benzofuranyl, dihydrobenzofuranyl, benzothiazolyl, benzoxazolyl, benzimidazolyl, coumaranonyl, coumarinyl or dihydrocoumarinyl (which latter twelve groups are optionally substituted by one or more of C₁₋₄ alkyl (which latter group is optionally substituted by one or more halo substituent), C₁₋₄ alkoxy, halo, hydroxy, cyano, nitro, SO₂NH₂, C(O)OH or N(H)R⁴³);

R⁴¹ and R⁴² independently represent cyclohexyl or phenyl;

R⁶ and R⁷ independently represent H, C₁₋₄ alkyl, C₃₋₈ cycloalkyl, phenyl (which latter group is are optionally substituted by one or more of C₁₋₄ alkyl (which latter group is optionally substituted by one or more halo substituent), C₁₋₄ alkoxy, halo, hydroxy, cyano, nitro, SO₂NH₂, C(O)OH or N(H)R⁴⁴) or together with the carbon atom to which they are attached form a C₃₋₈ cycloalkyl ring;

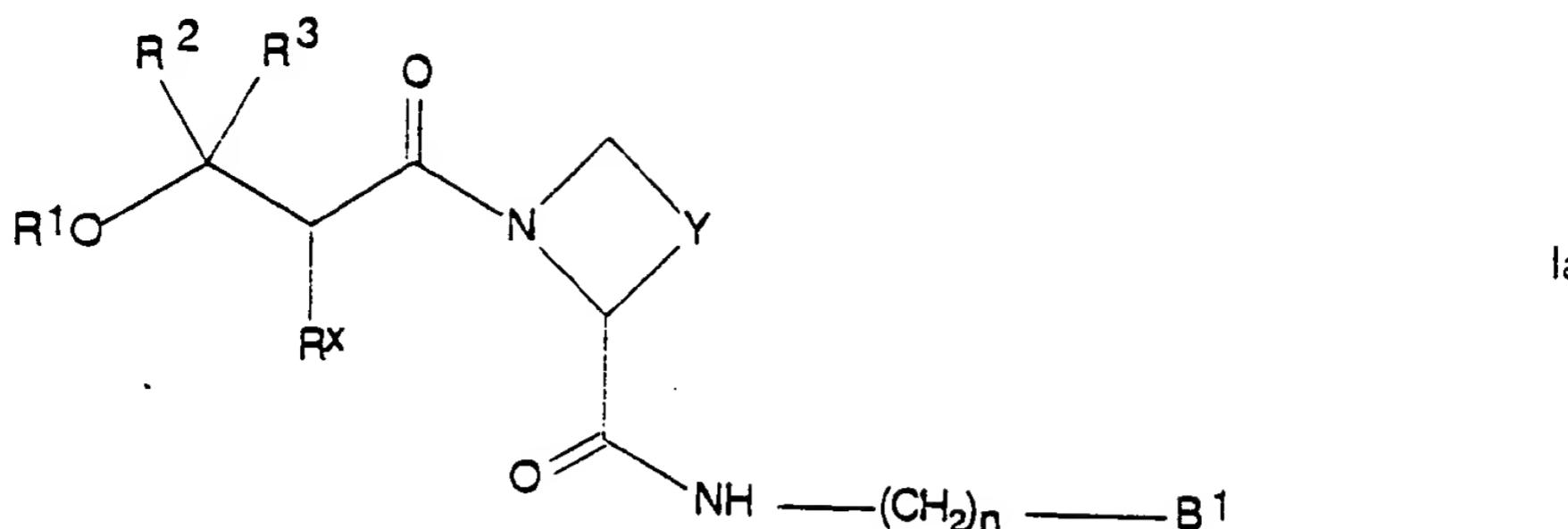
R⁴³ and R⁴⁴ independently represent H or C(O)R⁴⁵; and

R⁴⁵ represents H, C₁₋₄ alkyl or C₁₋₄ alkoxy;

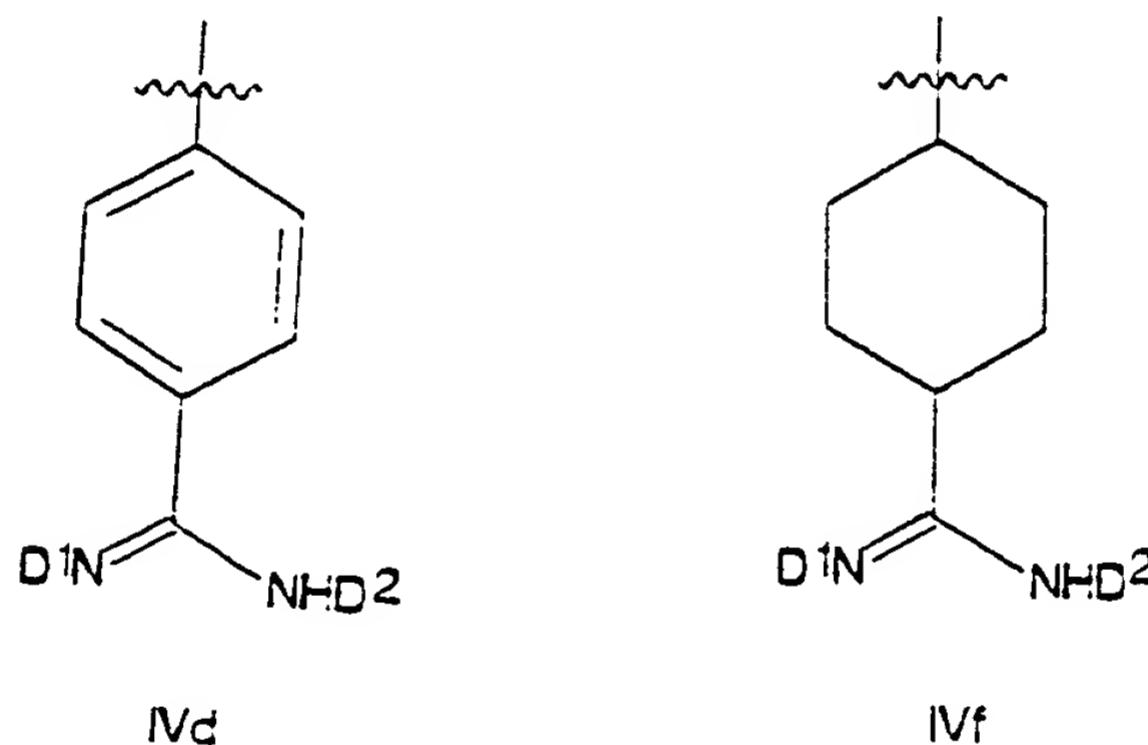
Y represents (CH₂)₂, CH=CH, (CH₂)₃, CH₂CH=CH or CH=CHCH₂, which latter three groups are optionally substituted by C₁₋₄ alkyl, methylene, oxo or hydroxy;

n represents 0, 1, 2, 3 or 4;

or a pharmaceutically acceptable salt thereof, provided that D¹ and D² do not both represent H.



wherein B¹ represents a structural fragment of formula IVd or IVf



wherein D¹ and D² independently represent H, OH, OR^a, OC(O)R^b, OC(O)OR^c, C(O)OR^d, or C(O)R^e and R^a, R^b, R^c, R^d and R^e independently represent phenyl, benzyl, (CH₂)₂OC(O)CH₃ or C₁₋₆ alkyl which latter group is optionally interrupted by oxygen; and R¹, R², R³, R^x, Y and n are as defined in Claim 1,

R¹ represents H, C(O)R¹¹, SiR¹²R¹³R¹⁴ or C₁₋₆ alkyl which latter group is
optionally substituted or terminated by one or more substituent selected from the group
consisting of OR¹⁵ and (CH₂)_qR¹⁶.

R¹², R¹³ and R¹⁴ independently represent H, phenyl or C₁₋₆ alkyl;

R¹⁶ represents C₁₋₄ alkyl, phenyl, OH, C(O)OR¹⁷ or C(O)N(H)R¹⁸;

R¹⁸ represents H, C₁₋₄ alkyl or CH₂C(O)OR¹⁹;

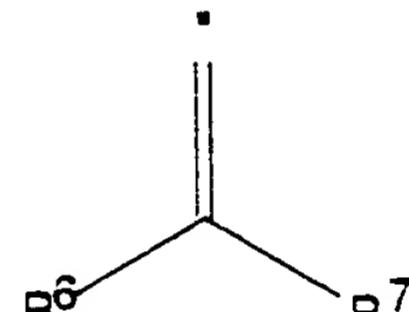
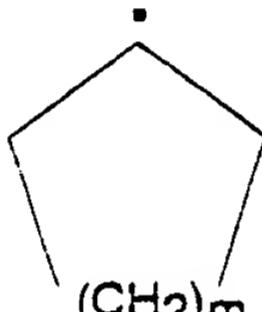
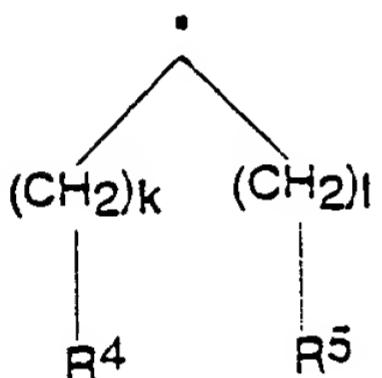
R¹⁵ and R¹⁷ independently represent H, C₁₋₆ alkyl or C₇₋₉ alkylphenyl;

R¹¹ and R¹⁹ independently represent H or C₁₋₄ alkyl; and

q represents 0, 1 or 2;

R² and R³ are both hydrogen;

R^x represents a structural fragment of formula IIa, IIb or IIc,



wherein

k, l and m independently represent 0, 1, 2, 3 or 4;

R⁴ and R⁵ independently represent H, Si(Me)₃, 1- or 2-naphthyl, a polycyclic hydrocarbyl group, CHR⁴¹R⁴² or C₁₋₄ alkyl (which latter group is optionally substituted by one or more fluorine atoms), or C₃₋₈ cycloalkyl, phenyl, methylenedioxyphenyl, benzodioxanyl, benzofuranyl, dihydrobenzofuranyl, benzothiazolyl, benzoxazolyl, benzimidazolyl, coumaranonyl, coumarinyl or dihydrocoumarinyl (which latter twelve

groups are optionally substituted by one or more of C₁₋₄ alkyl (which latter group is optionally substituted by one or more halo substituent), C₁₋₄ alkoxy, halo, hydroxy, cyano, nitro, SO₂NH₂, C(O)OH or N(H)R⁴³);

R⁴¹ and R⁴² independently represent cyclohexyl or phenyl;

R⁶ and R⁷ independently represent H, C₁₋₄ alkyl, C₃₋₈ cycloalkyl, phenyl (which latter group is are optionally substituted by one or more of C₁₋₄ alkyl (which latter group is optionally substituted by one or more halo substituent), C₁₋₄ alkoxy, halo, hydroxy, cyano, nitro, SO₂NH₂, C(O)OH or N(H)R⁴⁴) or together with the carbon atom to which they are attached form a C₃₋₈ cycloalkyl ring;

R⁴³ and R⁴⁴ independently represent H or C(O)R⁴⁵; and

R⁴⁵ represents H, C₁₋₄ alkyl or C₁₋₄ alkoxy;

Y represents (CH₂)₂, CH=CH, (CH₂)₃, CH₂CH=CH or CH=CHCH₂, which latter three groups are optionally substituted by C₁₋₄ alkyl, methylene, oxo or hydroxy;

n represents 0, 1, 2, 3 or 4;

or a pharmaceutically acceptable salt thereof, provided that D¹ and D² do not both represent H.